



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF:

SCHILLING

Appln. No.: 09/843,168

Filed: April 27, 2001

Title: GAS-TURBINE COMBUSTION CHAMBER  
WITH AIR-INTRODUCTION PORTS

Group Art Unit: 3746

Examiner: Gartenberg, Ehud

Our Ref: TK230

Date: March 11, 2003

#15/C  
326-03  
NDB

AMENDMENT

Hon. Commissioner of Patents  
Washington DC 20231

RECEIVED

MAR 26 2003  
TECHNOLOGY CENTER R3700

Sir:

Responsive to the Office Action of August 11, 2003, please amend the subject application as follows:

In the Claims:

Please enter the following amended claim:

- C1
1. (Twice Amended) A gas-turbine combustion chamber comprising:  
at least one pilot zone associated with a pilot burner;  
at least one common main zone associated with a main burner, the pilot burner and the main burner being axially and radially offset relative to each other, said common main zone comprising:  
an outer flame-tube wall, and  
an inner flame-tube wall, each wall provided with ports for the introduction of air into the common main zone, with said main burner being radially positioned toward the outer flame-tube wall and with said pilot burner being radially positioned toward the inner flame-tube wall,

CI wherein the outer-flame tube wall ports include a first arrangement of ports including a single first row of ports and the inner flame-tube wall ports include a second arrangement of ports including a single first row of ports, with an alignment of the ports of the second arrangement being either on-center or off-center with interspaces of the first row of ports of the first arrangement.

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